

**From:** [Benjamin Shorr](#)  
**To:** [Carrie Smith](#); [Robert Neely](#); [Eric Blischke/R10/USEPA/US@EPA](#)  
**Cc:** [Ron Gouguet](#); [George D. Graettinger](#); [benjamin shorr](#)  
**Subject:** Portland Harbor watershed database and mapping project  
**Date:** 02/14/2006 10:35 AM  
**Attachments:** [ph\\_base\\_021406\\_layers.pdf](#)

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Hi Carrie-

I have posted the portland harbor watershed database and mapping project that NOAA CPRD has created (GIS layers compiled from a multitude of sources or created by us) for your use (see note below for ftp access). I have attached a pdf (source excel is under arc\_projects) with a table explaining some of the main base layers- you can open up the project that contains these layers under Arc\_Projects\ph\_base\_021406.mxd or add the layer file that contains all of these layers which is at the root folder [main\_portlandharbor\_layers\_bs.lyr] to a fresh mxid:

There are several caveats/notes:

1. Projection (coordinate system) should be Oregon State Plane North, units of International Feet unless otherwise explicitly noted. The international foot differs from the US foot by very little (US Foot = 1200/3937 meters or .30480061; Intl Foot = 0.3048 meters) but that adds up to about 16 feet over a 8202099.737533' easting. In fact, if the easting is not this number, then you are likely dealing with a US Foot. I would recommend that for any analysis you make sure that layers are in the same coordinate system.
2. This data is not intended for distribution- I apologize for the lack of metadata- I have tried to include or generate where possible and when providing layers to LWG.
  - 2a. Naming convention- I have strived to maintain folder and file names with no spaces. Please continue to do this for ease of exchange on ftp sites and to ensure ESRI products work smoothly...
3. The layers that ARE intended for distribution to LWG (e.g. sample plans, AOPCs-or whatever name is appropriate) should have explicit .prj files containing coordinate system information, .lyr files with symbology, metadata with a minimum of info on sources/distribution limitations/contacts and no skeletons in the "Definition Query" closet.
4. I have included Query Manager queries in the folder structure, but not in the project. I highly recommend that you create fresh queries from the latest database and do not rely on Jordan's sediment or tissue queries for analysis or planning as there is likely newer data. If you have any questions about Query Manager or this project, please contact Rob Neely (206.553.2101 NOAA Coastal Resource Coordinator Region 10) who sits in Seattle EPA office, or George Graettinger 206.526.4600 NOAA CPRD spatial data team lead.
5. NOAA private ftp site access: please do not distribute this information- ftp.orr.noaa.gov, click on private- you may get an error. Right click in white area and enter user name: ftporr, password: ftporr123. Navigate to CPRD/PortlandHarbor. Download this entire folder and install in on your c-drive (or other local drive) under the structure c:\gis\projects\PortlandHarbor\... If you don't follow this structure, you can right click on an mxid in Catalog (9.0 and better) and go to "Set Data Sources..." which allows you to set the paths for layers- but this can be a pain!
6. Download and install Query Manager & MARPLOT (you've done this already?) and the CPRD GIS Tools which has a Query Manager Import tool and some other GIS tools such as the one I used to create this project summary table. You can find more info on Query Manager and the GIS tools- including download and help here:  
<http://mapping.orr.noaa.gov/website/portal/cprdtools/index.html>
- 6b. We also have a website for this project  
<http://mapping.orr.noaa.gov/website/portal/portland/> which is intended to complement the EPA and DEQ websites, however our site is slightly old now. Rob Neely (CRC Region 10) should be updating it soon. If you have thoughts/ideas on how to make this website more useful please contact him with ideas-
7. It would be great for you/Rob to follow up with the LWG regarding coordination on exchange of spatial data (see documents section) and a spatial data server for sharing data between LWG and government/tribes. There are several key layers that should be updated based on LWGs recent work.

I will here for the next week, please contact me if you have any questions about this project-

Have fun Carrie!

Ben

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